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Eugene R Montalvo  
Date: 29 JUN 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
COENEN, Josef Guillaume Christoffel )  
Serial No.: 10/519,137 )  
Filed: 22 December 2004 )  
SYSTEM FOR DETECTING GAS IN A )  
WELLBORE DURING DRILLING )  
COMMISSIONER FOR PATENTS )  
P.O. Box 1450 )  
Alexandria, Virginia 22313-1450 )

Group Art Unit: 2856  
Examiner: Rodney T Frank  
29 June 2007

RESPONSE TO OFFICE ACTION MAILED 5 April 2007

Dear Sir:

Attorney for Applicant in the above-captioned application herewith responds to the Office Action mailed 5 April 2007. At the time the Office Action issued, claims 1 to 16 were pending.